

REMARKS

This application has been carefully reviewed in light of the Office Action dated May 20, 2010. Claims 18 to 21 are in the application, and these claims are believed to read on the elected species. Claims 18 and 21 are the independent claims. Reconsideration and further examination are respectfully requested.

Claim 8 was objected to for an informality, and in particular for being a multiple dependent claim which depends from another multiple dependent claim. This objection is traversed, since Claim 8 is not a multiple dependent claim. Nevertheless, the objection is believed to be obviated by the cancellation of Claim 8. Withdrawal of the objection is respectfully requested.

Claims 4 and 8 to 14 were rejected under 35 U.S.C. § 112, second paragraph, for alleged indefiniteness. Without conceding the correctness of this rejection, the rejection is believed to be obviated by the cancellation of Claims 4 and 8 to 14. Moreover, new Claims 18 to 21 have been drafted with due consideration to the points raised in the rejection. Withdrawal of the rejection is therefore respectfully requested.

Claims 4, 6, 8 and 14 were rejected under 35 U.S.C. § 102(b) over “Chinese writer V4, Standard Multilingual word processor with a further improved level completion” (Feng). Claims 5 to 7 were rejected under 35 U.S.C. § 103(a) over Feng and Japan 10-177623 (Ayako, for which the PTO provided an English translation). Without conceding the correctness of either rejection, the rejections are believed to be obviated by the cancellation of Claims 1 to 17. New Claims 18 to 21 are believed to be allowable over the art of record for at least the following reasons.

Claims 18 and 21 generally concern generating a multipart e-mail and transmitting the e-mail. An image on a document is scanned, and character recognition processing is executed to acquire first character codes of characters included in the image. There is identification of first classification information indicating a type of the first character codes. There is also acquisition of second character codes of characters input by a user, and generation of second classification information indicating a type of the second character codes.

According to aspects of Claims 18 and 21, a multipart e-mail is generated comprising a first part and a second part. The first part of the e-mail describes the first character codes in a data area and the first classification information in a header area of the first part, whereas the second part of the e-mail describes the second character codes in a data area and the second classification information in a header area of the second part.

By virtue of this arrangement, it is ordinarily possible to clearly display a multipart e-mail which includes a first area of characters input by a user and a second area of characters acquired by OCR (e.g., from a scan of an attached image), even if the characters of the first and second areas are in different languages.

Referring specifically to claim language, independent Claim 18 is directed to a communication apparatus which is connectable to a network and which is configured for generation of a multipart e-mail and transmission of the e-mail. The apparatus includes a scanning unit constructed to scan an image on a document, and a first acquiring unit constructed to execute a character recognition processing for the image scanned by the scanning unit and acquire, as a result of the character recognition processing, first character codes which are character codes of characters included in the image. Additionally, the

apparatus includes an identification unit constructed to identify first classification information which indicates a type of the first character codes, and a second acquiring unit constructed to acquire second character codes which are character codes of characters input by a user via a character input unit. The apparatus further includes a generating unit constructed to generate the e-mail by describing the first character codes acquired by the first acquiring unit in a data area in a first part of the e-mail and the first classification information identified by the identification unit in a header area in the first part of the e-mail, and by describing the second character codes acquired by the second acquiring unit in a data area in a second part of the e-mail and a second classification information which indicates a type of the second character codes in a header area in the second part of the e-mail. In addition, the apparatus includes a transmission unit constructed to transmit the e-mail generated by the generating unit.

Independent Claim 21 is directed to a method substantially in accordance with the apparatus of Claim 18.

The art of record is not seen to disclose or suggest the features of Claims 18 and 21, and in particular is not seen to disclose or suggest at least the feature of generating a multipart e-mail including a first part which describes first character codes acquired by character recognition processing in a data area and first classification information indicating a type of the first character codes in a header area of the first part, and a second part which describes second character codes input by a user in a data area and second classification information indicating a type of the second character codes in a header area of the second part.

As understood by Applicant, Feng is directed to a multilingual word processor. A user can input characters using a plurality of types of character codes, and can transmit an e-mail that includes the input characters. See, e.g., Feng, page 7 (English translation).

However, Feng is not seen to disclose or suggest generating respective classification codes describing character codes for both input text data and OCR text data, much less generating a multipart e-mail including a first part which describes first character codes acquired by character recognition processing in a data area and first classification information indicating a type of the first character codes in a header area of the first part, and a second part which describes second character codes input by a user in a data area and second classification information indicating a type of the second character codes in a header area of the second part.

Ayako is not seen to remedy the deficiencies of Feng. As understood by Applicant, Ayako is directed to scanning an input document and looking for certain types of characters which identify a particular language. See, e.g., Ayako, pages 14 and 15 (English translation). Nevertheless, Ayako is not seen to disclose or suggest generating a multipart e-mail including a first part which describes first character codes acquired by character recognition processing in a data area and first classification information indicating a type of the first character codes in a header area of the first part, and a second part which describes second character codes input by a user in a data area and second classification information indicating a type of the second character codes in a header area of the second part.

Therefore, independent Claims 18 and 21 are believed to be allowable over the art of record, and such action is respectfully requested.

The other pending claims in this application are each dependent from the independent claims discussed above and are therefore believed allowable over the art of record for at least the same reasons. Because each dependent claim is also deemed to define an additional aspect of the claims, however, the individual consideration of each on its own merits is respectfully requested.

Turning to a formal matter, Applicant respectfully requests that the next Office Action indicate consideration of the art cited in the Information Disclosure Statement dated June 25, 2010.

No other matters being raised, the entire application is believed to be in condition for allowance, and such action is courteously solicited.

Applicant's undersigned attorney may be reached in our Costa Mesa, California office at (714) 540-8700. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

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